**The Clorox Company**
1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

# Material Safety Data Sheet

**I Product:** FLORAL FRESH CLOROX DISINFECTING SPRAY II

**Description:** FRAGRANCED AEROSOL

| Other Designations | Distributor | Emergency Telephone Nos. |
|---|---|---|
| EPA Registration Number 11525-30-67619 | Clorox Professional Products Company<br>1221 Broadway<br>Oakland, CA 94612 | Notify your Supervisor<br>Rocky Mountain Poison Center<br>(800) 446-1014<br>For Transportation Emergencies Chemtrac<br>(800) 424-9300 |

## II Health Hazard Data

EYES: Will cause moderate, reversible eye irritation.
SKIN CONTACT: Will cause minor irritation after prolonged contact. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
INGESTION: Low toxicity if ingested. May cause minor irritation of the mouth. Ingestion of large quantities may result in ethanol intoxication.
INHALATION: Intentional misuse by concentrating and inhaling vapors may be harmful or fatal. Inhalation of high concentrations may cause irritation of the respiratory tract. Symptoms include headaches, dizziness, nausea, vomiting, and malaise.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.
EMERGENCY FIRST AID PROCEDURES: EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, call a physician. SKIN: Wash with plenty of soap and water. IF SWALLOWED: Drink a glass of water. Call a physician.

## III Hazardous Ingredients

| Ingredients | Concentration | Worker Exposure Limit |
|---|---|---|
| Ethanol<br>CAS #64-17-5 | 40 - 60 | 1000 ppm TLV - TWA<br>1000 ppm PEL -TWA |
| Propane<br>CAS #74-98-6 (propellant) | 1 - 5 | 1000 ppm PEL - TWA |
| Isobutane<br>CAS #75-28-3 | 10 - 20 | Not established |

None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.

TLV - TWA -- Threshold Limit Value - Time Weighted Average.
Source: ACGIH 1996

PEL – Permissible Exposure Limit. Source: OSHA

## IV Special Protection and Precautions

No special protection or precautions have been identified for using this product under directed consumer use conditions.

The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale, or prolonged exposure:

Hygienic Practices: Wear safety glasses and protective gloves when handling product.
Engineering Controls: Use explosion proof ventilation to minimize exposure to vapor or mist.
Work Practices: Minimize skin contact and inhalation of vapor or mist.

## V Transportation and Regulatory Data

U.S. DOT Hazard Class: ORM - D

U.S. DOT Proper Shipping Name: Consumer Commodity.

EPA - SARA Title III/CERCLA: Bulk product is regulated under sections 311/312. Packaged product is not reportable.

TSCA Status: All components of this product are on the TSCA Inventory.

## VI Spill Procedures/Waste Disposal

Steps to be taken in case material is released or spilled - Eliminate all sources of ignition. Ventilate area. Mop up excess. Flush off any remaining material with soapy water. Flush again. Respiratory protection - If handling large industrial or warehouse spills, people should use NIOSH approved respiratory protection. Waste Disposal Method - Do not puncture or incinerate (burn) empty or full cans. Dispose of in accordance with state and local regulations for consumer products. Empty cans may be landfilled. Precautions to be taken in handling and storage - Do not store above 120°F. Do not puncture or burn. Keep aerosols from fire or sparks. Store in accordance with NFPA 30B for Level 2 Aerosols. Other precautions - N/A

## VII Reactivity Data

Stability – Stable
Conditions to Avoid - Temperatures over 120°F
Incompatibility/Materials to Avoid - Alkalis and acids
Hazardous Polymerization or Decomposition - None known

## VIII Fire and Explosion Data

Flashpoint: Flashpoint of liquid is ~66°F.
Flame extension is between 16-18 inches with no flashback.
Fire Extinguishing Agents: All types.
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: Alcohol flames may not be readily visible. Exposure to temperatures over 120°F (49°C) may cause bursting or venting. Keep containers cool. Use equipment or shielding to protect personnel from bursting containers.

## IX Physical Data

pH (no propellant) ..... ~8
Density (no propellant) ..... ~0.86 g/ml



DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH

DATE PREPARED 5/99

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